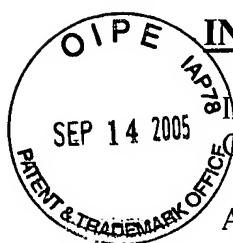


AF  
ZM**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

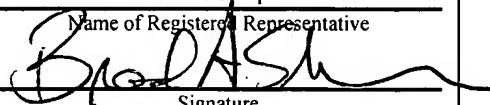
In re patent application of: ) Before the Examiner  
 Gary W. Johnson ) Kenneth Whittington  
 Application Serial No. 10/733,892 )  
 Filed December 11, 2003 ) Group Art Unit 2862  
 MAGNETIC POSITION SENSOR HAVING ) Ref. No. 3448-129  
 DUAL ELECTRONIC OUTPUTS ) September 12, 2005

**RESPONSE TO FINAL OFFICE ACTION**

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

In response to the final Office Action dated August 22, 2005, please enter and consider the following amendments and remarks. Additionally, please provide any extensions of time necessary and charge any additional fees which may be necessary to Deposit Account No. 12-2424, but not to include any payment of issue fees.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:	
<u>September 12, 2005</u>	
_____ Date of Deposit	
Brad A. Schepers	
_____ Name of Registered Representative	
 Signature	
<u>September 12, 2005</u>	
_____ Date of Signature	

## **INTRODUCTORY COMMENTS**

Claims 1-40 were pending in the subject application for the final Office Action dated August 22, 2005. Claims 1-29 have been allowed. Claims 30, 31, 36 and 38-40 have been rejected on various grounds. Claims 32-35 and 37 have been objected to, but have been indicated as allowable if rewritten in independent form. In view of the following amendments and remarks, reconsideration and allowance of the subject application are hereby requested.